

ABSTRACT

The aim of this invention is to propose a method allowing the use several virtual machines including applications and to federate these applications in order to form services.

This aim is achieved by a method for managing applications, making use of at least two physical machines linked by communication means, these machines comprising a physical structure on which is loaded a first software layer adapted to this machine as well as a second layer forming a virtual layer on which virtual machines will operate, the latter comprising at least one application, this method comprising the following steps:

- loading of a virtual machine control programme associated to the virtual layer,
- connection of at least two physical machines for the formation of a physical machine network,
- establishment of a dialogue between the virtual machine control programme and a system management process,
- establishment of a physical machine network including the virtual layers,
- definition by the system management process of a service containing several applications,
- communication between the management process and each virtual layer in order to determine the status of the virtual machines associated to said virtual layer,
- assignation of a virtual machine to one of the virtual layers taking into account the characteristics of the application.